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Abstract

The University of Gothenburg Institute of Education has undertaken in the production of a concentrated course in instructional technology in order to relieve the acute shortage of such technologists in Sweden. The planned study packet will contain material covering the formulation of teaching objectives in terms of observable pupil behavior, the design of test situations, sequencing of learning situations, and program validation and correction. The project is planned to be ready for distribution by June 1970. (JY)

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Project title: Study Packet in Instructional Technology (SUNT)

Conducted by: University of Gothenburg Institute of Education

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Background

When it became clear that the University of Gothenburg Institute of Education would be able to offer an alternative course of study in educational technology from the spring term of 1968, a marked interest for this subject was noted. The wish has been expressed from many quarters for a short course on the same subject, especially from the Board of Education and the Office of the Chancellor of Swedish Universities, who with their increased concentration on the production of instructional materials and method-material systems have, and to an every increasing extent will have, a large requirement for staff specially trained to produce teaching systems. This situation has resulted in a direct request to the Institute, from the Board of Education and the Chancellor, to undertake the production of a concentrated course in instructional technology in order to relieve the acute shortage of such technologists.

Prospective students

The planned study packet in instructional technology is intended for several different categories of educationalists, defined as people who in their profession deal with or will be dealing with some of the following educational activities, viz.: planning, production, administration and/or evaluation of training and

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education. These will include central and local officers in the compulsory school system, universities and university colleges, training officers in industry, central and local government and trade unions, study group leaders in voluntary associations, adult educationalists, executives in firms producing educational material etc.

The objectives for the study project

After having completed the study project the student should be able to draw up a teaching programme which meets the following standards

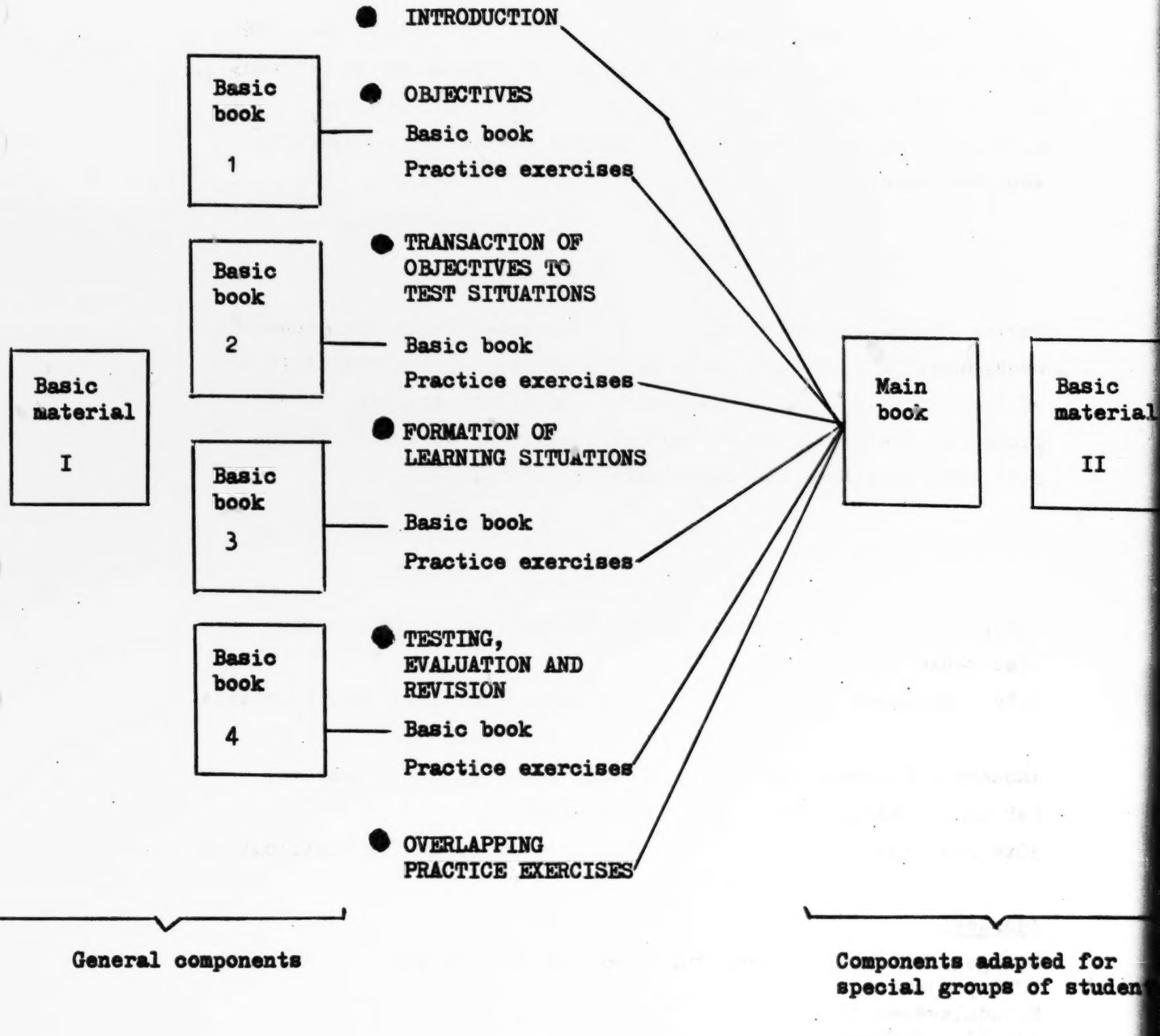
The teaching objectives are formulated in terms of observable pupil behaviour, the conditions for these terminal behaviours identified and specified, and acceptable performance requirements given.

Test situations are drawn up and are so designed that they test the pupil behaviour criteria given in the objectives under the conditions also given in the objective.

The learning situations are so sequenced and presented so that they train behaviour which is critical for the teaching objectives, and they allow a check of pupil responses and thus make it possible to identify and correct any faults which may occur in the learning situations.

Configuration of the study packet

The study packet is planned to comprise a number of self-study units with the following contents.



Each basic book consists of a number of sections each section comprising

1 Information
2 Exercises based on material given in connection with the information
3 Exercises based on Basic material I

The practice exercises are based on Basic material II.

The "Components adapted for special groups of students" will be made "general" in the SUNT variant which is expected to be ready by July 1970. It remains to be seen if the demand will be sufficient to allow the study packet to be adapted to specific application areas.

Activity in 1968-69

During the period 1st October - 31st December 1968, the project management carried our preliminary planning. During the spring of 1969, the objectivities, partial objectives and test situations for the project have been produced, and some information sections, exercises and basic material formulated.

Time table

The production of the study packet is expected to follow the time table below

July - December 1969	Continued production and formative tests and revisions
January - February 1970	Field test (mainly summative)
February - March 1970	Revision
30th June 1970	The project ready for distribution.

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